Minerals in M.P.

†1466. SHRI GOVINDRAM MIRI: Will the Minister of MINES AND MINERALS be pleased to state:

(a) the names of the major and minor minerals found in Madhya Pradesh and at which places stating the total quantity of minerals exploited during, the last three years; and

(b) the details of export and import of minerals made during the last three years, the names of such minerals and countries of their export and import, including the value thereof?

THE MINISTER OF STATE IN THE MINISTRY OF MINES AND MINERALS (PROF. RITA VERMA): (a) As per information ■available with the Indian Bureau of Mines, a subordinate office of the Department of Mines, thirty major minerals [minerals other than minor minerals defined under Section 3(e) of Mines and Minerals (Regulation and Development) Act, 1957] and nine minor minerals, *viz.* Sand, Earth, Murram, Boulder, Floorstone, Limestone, Granite, Marble and Lime Kankar are found in Madhya Pradesh. Twenty Five major minerals were produced in different district of Madhya Pradesh during 1996-97, 1997-98 and 1998-99, details of production of which are given in the statement *(See* below). Infromation on production of minor minerals is not centrally maintained.

(b) Information on the quantity of export of minerals from Madhya Pradesh and import of minerals to Madhya Pradesh is not centrally maintained.

Statement

Minerals	Districts	1996-97	1997-98	1998-99 provisional
Bauxite (Tonnes)	Bastar, Bilaspur, Jabalpur, Katney, Mandla, Reva, Satna, Shahdol Sidhi, Surguja.	638237	651796	737129
Calcite	Jhabua, Khargone	1106	650	0
Coal ('000 Tonnes)	All Dist.ricts	83283	84419	85767

†Original Notice of the Question was received in Hindi.

Minerals	Districts	1996-97	1997-98	1998-99 provisional
Copper Ore (Tonnes)	Balaghat	1639298	2082049	2227879
Corrundum Kilogram	Batter	592	205	369
Diamond (Carats)	Panna	31836	30994	34579
Diaspore (Tonnes)	Chhatarpur, Shivpuri, Tikamgarh	8236	2904	4757
Dolomite (Tonnes)	Balaghat, Bilaspur, Chhindwara, Durg, Jabalpur, Jhabua, Kami, Mandla, Narsingpur, Raipur, Sagar, Satna Seoni,	1417414	1078513	875993
Felspar (Tonnes)	Chattarpur, Jabalpur	0	24	0
Fireclay (Tonnes)	Jabalpur, Katni, Shahdol, Sidhi, Umaria	76743	65869	45933
Iron Ore ('000 Tonnes)	Dantewara, Durg, Gwalior, Jabalpur	16842	18255	16567
Kaolin (Tonnes)	Betul, Chhatarpur, Datia, Gwalior, Jabalpur, Katni, Rainandgaon, Rewa, Satna	29447	24374	26320
Laterite (Tonnes)	Jabalpur, Katni, Rewa, Satna	267301	133871	116048
Limestone ('000 Tonnes)	Balaghat, Bastar, Bilaspur, Damoh, Dhar, Drug, Jhabua, Katni, Khargone (West Nimar), Mandsaur, Morena, Raigarh, Raipur, Rewa, Satna, Sidhi	26490	27606	26937
Manganese Ore (Tonnes)	Balaghat, Chhindwara	370824	387279	322306
Ochre (Tonnes)	Gwalior, Jabalpur, Mandla, Morena, Rewa, Satna, Shahdol	23810	38424	15002
Phosphorite (Tonnes)	Chhatarpur, Jhabua	143996	147431	190971
Pyrophyllite (Tonnes)	Chattarpur, Sagar, Shivpuri, Tikamgarh	91042	61157	52825
Quarto (Tonnes)	Balaghat, Chhatarpur, Gwalior, Jabalpur, Rainandgaon, Tikamgarh	2343	740	1481
Quartzite (Tonnes)	Durg, Raigarh, Rainandgaon	32319	25885	1458
Silica Sand	Balaghat, Durg, Khargone	1130	520	13732

Minerals	Districts	*1996-97*	1997-98	1998-99 provisional
(Tonnes)				
Slate (Tonnes)	Mandsaur	7826	10655	9026
Steatite (Tonnes)	Chhatarpur, Jabalpur, Narsingpur, Sagar	12081	10883	6748
Tin (Kilogram)	Bastar	31184	35143	35851
Vermictilite (Tonnes)	Jhabua	803	836	242

Development of Non-Conventional Energy Sources

1467. SHRI SANTOSH BAGRODIA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government plant to develop non-conventional energy sources during the next five years; if so, the details thereof source-wise and year-wise;

(b) whether this is better for the environment; and

(c) how does these compare in costs, with conventional sources, such as Hydro, Atomic and Coal based?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) The Government is promoting and developing non-conventional energy sources through various schemes/ programmes as part of the Ninth Five Year Plan. The programme—wise allocations for the 9th Five Year Plan as a whole are given in Annexure. *[see Appendix 188, Annexure no. 40]*

(b) Non-conventional Energy systems and devices are non-polluting and environmentaly benign.

(c) The energy generation costs from various non-conventional energy sources and from conventional sources such as hydro, atomic and coal are given in the enclosed statement, *{see* below).